

VESSEL

By _____ Date _____

[illegible]

VESSEL NO. 1 CRUISE

[illegible]

[illegible]

13553A

[illegible]

CODED BY 2

DECK

CRUISE

VESSEL

~~Read and Verified~~

Date _____

[illegible]

13337/1

[illegible]

EAC 25-LT2085

DEPTHS OF ISOTHERM

VESSEL CODE		CRUISE NO.	MONTH	DAY	YEAR	HR	LAT	LONG	B.T. NO.	BUCKET TEMP. °C	SURFACE SALINITY LESS 3.5	B.T. SURF. TEMP. °C	DEPTH MINED LAYER(m)	EAC 25-LT 2085 DEPTHS OF ISOTHERM																											
VES	CR			DATE		HR	LAT	LONG	N	BT	SS	ST	ML	29°	28°	27°	26°	25°	24°	23°	22°	21°	20°	19°	18°	17°	16°	15°	14°	13°	12°	11°	10°	9°	8°						
37	2	9306	7	800	13410	2607	7189	0209	40	0	0	0	0	0	0	0	0	0	0	0	0	0	43	52	60	72	77	80	92	112	124	147	205	275	0						
37	2	9306	7	2000	13407	2348	9189	0202	32	0	0	0	0	0	0	0	0	0	0	0	0	0	34	40	50	52	54	65	77	93	118	145	205	0	0						
37	2	9306	7	2400	13407	2258	10189	0198	28	0	0	0	0	0	0	0	0	0	0	0	0	0	34	42	48	55	62	70	85	94	122	180	235	0	0						
37	2	1001	6	7	400	13407	2205	11189	0206	25	0	0	0	0	0	0	0	0	0	0	0	0	28	35	45	55	62	70	88	101	113	136	190	0	0						
37	2	1001	6	7	800	13407	2120	12189	0195	26	0	0	0	0	0	0	0	0	0	0	0	0	30	31	33	39	45	50	62	82	92	145	250	0	0						
37	2	1001	6	7	1200	13320	2120	13200	0200	28	0	0	0	0	0	0	0	0	0	0	0	10	34	36	40	44	47	57	70	78	93	145	230	0	0						
37	2	1001	6	7	1600	13321	2205	14200	0194	32	0	0	0	0	0	0	0	0	0	0	0	0	35	37	38	42	49	57	75	87	102	142	215	0	0						
37	2	1001	6	7	2000	13320	2244	15183	0209	30	0	0	0	0	0	0	0	0	0	0	0	34	37	44	53	62	84	97	115	136	160	203	0	0							
37	2	1002	6	7	0	13319	2340	16189	0212	36	0	0	0	0	0	0	0	0	0	0	30	40	43	50	58	72	82	115	132	147	176	231	0	0							
37	2	1002	6	7	400	13318	2430	17189	0212	26	0	0	0	0	0	0	0	0	0	0	27	30	37	48	58	65	73	90	117	150	170	215	0	0							
37	2	1002	6	7	800	13316	2528	18200	0206	45	0	0	0	0	0	0	0	0	0	0	0	46	49	56	61	65	74	78	85	102	130	163	232	0	0						
37	2	1002	6	7	1200	13315	2556	19189	0202	33	0	0	0	0	0	0	0	0	0	0	30	35	40	46	58	65	71	86	112	123	140	185	253	0	0						
37	2	1002	6	7	1600	13233	2558	20189	0220	30	0	0	0	0	0	0	0	0	0	5	33	35	37	48	57	70	101	138	152	165	187	215	0	0							
37	2	1002	6	7	2000	13232	2511	21189	0217	30	0	0	0	0	0	0	0	0	0	0	34	40	52	58	67	83	100	118	144	160	200	232	0	0							
37	2	1003	6	7	0	13231	2430	22189	0209	26	0	0	0	0	0	0	0	0	0	0	0	30	37	45	55	62	78	108	128	153	173	202	262	0	0						
37	2	1003	6	7	400	13230	2350	23189	0204	33	0	0	0	0	0	0	0	0	0	0	0	37	48	57	62	70	82	93	110	117	144	174	250	0	0						
37	2	1003	6	7	800	13229	2310	24200	0200	10	0	0	0	0	0	0	0	0	0	0	0	5	27	37	42	48	57	65	77	90	120	142	230	0	0						
37	2	1003	6	7	1200	13230	2217	25200	0200	26	0	0	0	0	0	0	0	0	0	0	0	15	32	35	37	43	50	62	65	73	81	105	187	0	0						
37	2	1003	6	7	1600	13225	2125	26200	0208	30	0	0	0	0	0	0	0	0	0	0	0	34	37	41	51	58	64	73	82	102	128	174	237	0	0						
37	2	1003	6	7	2000	13153	2059	27194	0207	40	0	0	0	0	0	0	0	0	0	0	0	42	43	44	46	55	69	77	91	113	132	161	233	0	0						
37	2	1004	6	7	400	13143	2230	29189	0207	41	0	0	0	0	0	0	0	0	0	0	0	42	49	53	62	70	83	96	111	128	147	182	258	0	0						
37	2	1004	6	7	800	13137	2320	30189	0204	30	0	0	0	0	0	0	0	0	0	0	0	35	47	56	62	70	78	92	110	124	135	176	260	0	0						
37	2	1004	6	7	1200	13135	2406	31189	0208	35	0	0	0	0	0	0	0	0	0	0	0	37	43	52	60	66	80	98	117	131	150	183	262	0	0						
37	2	1004	6	7	1600	13138	2503	32189	0210	25	0	0	0	0	0	0	0	0	0	0	0	32	44	60	70	78	88	102	120	138	162	207	0	0							

EAC 22-HALL

VES	CR	DATE	HR	D	LAT	LON	N	BT	SS	ST	ML	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	
2	14	82967	900	1	3321	2059		1182	0175	14														18	26	32	43	52	56	64	77	140	202	
2	14	82967	1200	1	3319	2127		2178	0183	20		0	0	0	0	0	0	0	0	0	0	0	22	25	30	35	40	43	49	62	90	148	228	
2	14	82967	1600	1	3315	2212		3177	0175	5														21	35	38	45	50	65	86	100	155	225	
2	14	82967	2000	1	3316	2259		4180	0185	15		0	0	0	0	0	0	0	0	0	0	0	20	48	52	57	75	95	115	135	152	188	265	
2	14	83067		0	13321	2338		5184	0187	30		0	0	0	0	0	0	0	0	0	0	0	32	38	42	51	73	123	135	150	160	182	250	
2	14	83067	400	1	3325	2418		6188	0190	25		0	0	0	0	0	0	0	0	0	0	10	32	44	58	63	72	78	90	105	122	195	265	
2	14	83067	800	1	3326	2507		7188	0187	15		0	0	0	0	0	0	0	0	0	0	0	30	43	58	71	81	85	92	102	115	160	225	
2	14	83067	1200	1	3323	2550		8189	0189	8		0	0	0	0	0	0	0	0	0	0	0	28	32	47	51	57	64	75	84	100	145	220	
2	14	83067	1600	1	3316	2626		9186	0192	35		0	0	0	0	0	0	0	0	0	0	8	35	40	50	55	58	67	80	95	118	188	257	
2	14	83067	2000	1	3236	2629		10190	0199	20		0	0	0	0	0	0	0	0	0	0	33	40	45	55	67	100	125	150	168	185	230	0	
2	14	83167		0	13233	2545		11189	0196	17		0	0	0	0	0	0	0	0	0	0	25	36	45	55	63	90	120	145	160	176	230	0	
2	14	83167	400	1	3232	2503		12189	0188	20		0	0	0	0	0	0	0	0	0	0	0	35	38	46	55	77	105	125	140	160	195	0	
2	14	83167	800	1	3232	2417		13188	0187	24		0	0	0	0	0	0	0	0	0	0	0	33	39	45	55	85	115	127	144	160	205	260	
2	14	83167	1200	1	3230	2333		14189	0189	28		0	0	0	0	0	0	0	0	0	0	0	45	49	52	57	70	92	127	147	155	200	268	
2	14	83167	1600	1	3230	2302		15200	0185	25		0	0	0	0	0	0	0	0	0	0	0	26	50	54	58	64	77	95	108	129	180	255	
2	14	83167	2100	1	3230	2219		16194	0179	25														30	48	55	62	70	80	103	125	170	230	
2	14	90167		0	13225	2142		17189	0174	28														36	50	57	63	74	82	92	114	170	240	
2	14	90167	400	1	3225	2115		18189	0178	28														41	53	60	65	75	94	108	132	175	240	
2	14	90167	1200	1	3140	2127		20189	0183	38		0	0	0	0	0	0	0	0	0	0	0	38	45	58	70	78	89	110	127	158	205	0	
2	14	90167	1600	1	3141	2209		21186	0185	30		0	0	0	0	0	0	0	0	0	0	0	37	43	53	65	81	108	115	133	155	206	0	
2	14	90167	2000	1	3138	2257		22183	0188	30		0	0	0	0	0	0	0	0	0	0	0	32	50	58	76	88	98	115	133	160	217	0	
2	14	90267		0	13139	2314		23185	0189	37		0	0	0	0	0	0	0	0	0	0	0	41	52	58	73	93	108	123	140	163	220	0	
2	14	90267	400	1	3139	2402		24189	0187	30		0	0	0	0	0	0	0	0	0	0	0	35	63	70	80	110	120	132	145	168	202	263	
2	14	90267	800	1	3140	2440		25189	0193	27		0	0	0	0	0	0	0	0	0	0	31	59	63	75	88	117	138	151	167	191	240	0	
2	14	90267	1200	1	3140	2512		26189	0195	30		0	0	0	0	0	0	0	0	0	0	37	55	60	74	90	110	130	162	175	200	250	0	
2	14	90267	1600	1	3137	2542		27189	0196	28		0	0	0	0	0	0	0	0	0	0	32	47	54	62	74	95	120	147	163	180	233	0	
2	14	90267	2000	1	3130	2617		28187	0201	15		0	0	0	0	0	0	0	0	0	15	37	60	77	90	120	139	157	169	186	205	267	0	
2	14	90367	400	1	3056	2554		30189	0196	22		0	0	0	0	0	0	0	0	0	0	42	60	65	100	125	137	160	173	190	215	270	0	
2	14	90367	800	1	3058	2512		31200	0195	29		0	0	0	0	0	0	0	0	0	0	40	53	62	73	94	107	130	139	164	192	235	0	
2	14	90367	1200	1	3056	2428		32200	0198	0		0	0	0	0	0	0	0	0	0	0	25	58	65	75	91	101	123	135	151	180	225	0	
2	14	90367	1600	1	3055	2345		33200	0194	5		0	0	0	0	0	0	0	0	0	0	15	35	51	60	74	85	104	118	128	155	200	0	
2	14	90367	2000	1	3053	2305		34200	0193	30		0	0	0	0	0	0	0	0	0	0	8	35	38	45	55	70	90	105	122	150	203	0	
2	14	90467		0	13053	2242		35200	0192	33		0	0	0	0	0	0	0	0	0	0	10	35	38	42	51	68	83	100	122	142	187	0	
2	14	90467	400	1	3052	2205		36200	0196	40		0	0	0	0	0	0	0	0	0	0	40	43	44	46	48	51	60	72	88	115	168	250	
2	14	90467	800	1	3052	2118		37200	0193	32		0	0	0	0	0	0	0	0	0	0	33	40	45	48	52	63	79	97	112	135	185	265	
2	14	90467	1200	1	3101	2042		38188	0194	30		0	0	0	0	0	0	0	0	0	0	32	37	42	48	65	74	89	108	130	148	208	268	
EAC 24	2	15	91267	1600	1	3452	2152		6189	0176	17													18	32	35	43	45	48	70	85	140	235	
Hall	2	15	91267	1800	1	3459	2211		7189	0179	17													23	28	35	38	40	52	58	83	137	205	
	2	15	91267	2000	1	3458	2234		8189	0177	30													32	35	41	46	52	59	70	88	150	210	
	2	15	91367		0	13458	2317		9189	0177	19													20	28	32	37	39	42	60	80	103	185	
	2	15	91367	400	1	3457	2359		10189	0196	18		0	0	0	0	0	0	0	0	0	23	28	45	55	63	73	90	105	115	137	185	242	
	2	15	91367	600	1	3456	2419		11189	0196	30		0	0	0	0	0	0	0	0	0	32	37	52	62	67	77	85	98	120	145	190	265	
	2	15	91367	800	1	3454	2444		12190	0196	25		0	0	0	0	0	0	0	0	0	27	33	52	63	67	73	90	112	125	150	190	0	
	2	15	91367	1000	1	3453	2508		13189	0197	20		0	0	0	0	0	0	0	0	0	27	42	60	68	72	77	85	95	116	134	0	0	
	2	15	91367	1200	1	3456	2530		14178	0198	20		0	0	0	0	0	0	0	0	0	23	42	52	62	66	74	92	110	134	150	242	0	
	2	15	91367	1400	1	3458	2550		15178	0199	20		0	0	0	0	0	0	0	0	0	30	44	52	60	65	70	85	106	134	143	210	0	
	2	15	91367	1600	1	3500	2614		16180	0205	0		0	0	0	0	0	0	0	0	15	19	33	46	56	60	68	78	98	118	135	190	0	
	2	15	91367	1800	1	3454	2625		17182	0203	25		0	0	0	0	0	0	0	0	0	20	30	42	52	60	65	74	82	92	110	130	180	0
	2	15	91467		0	13411	2606		19181	0203	25		0	0	0	0	0	0	0	0	0	25	27	32	43	57	68	75	79	88	104	125	180	250
	2	15	91467	400	1	3410	2521		20211	0197	33		0	0	0	0	0	0	0	0	0	35	43	52	63	70	75	90	107	124	143	195	254	

EAC 24-HALL

VES	CR	DATE	HR	U	LAT	LON	N	BT	SS	ST	ML	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8
2	15	91467	600	134	102458	21210	0200	23	0	0	0	0	0	0	0	0	0	0	0	0	25	37	44	53	58	65	80	90	120	140	180	0	
2	15	91467	800	134	102434	22202	0199	25	0	0	0	0	0	0	0	0	0	0	0	0	26	37	45	55	65	70	78	90	113	130	170	255	
2	15	91467	1000	134	102418	23201	0196	0	0	0	0	0	0	0	0	0	0	0	0	0	20	48	55	64	74	82	90	98	119	131	158	247	
2	15	91467	1200	134	112351	24201	0197	0	0	0	0	0	0	0	0	0	0	0	0	0	23	45	50	60	66	74	78	94	115	137	200	0	
2	15	91467	1400	134	122333	25201	0196	0	0	0	0	0	0	0	0	0	0	0	0	0	10	31	43	48	55	66	75	80	108	125	155	240	
2	15	91467	1600	134	112308	26200	0199	0	0	0	0	0	0	0	0	0	0	0	0	0	36	49	60	66	75	80	85	89	104	121	150	225	
2	15	91467	1800	134	092242	27200	0197	7	0	0	0	0	0	0	0	0	0	0	0	0	15	30	40	45	50	63	71	83	97	112	150	201	
2	15	91467	2000	134	082220	28200	0192	7	0	0	0	0	0	0	0	0	0	0	0	0	10	11	36	38	43	49	54	73	85	104	140	240	
2	15	91567	013357	2137	29200	0184	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	23	32	34	35	47	55	65	81	120	202	
2	15	91567	600	133	232132	31194	0183	17	0	0	0	0	0	0	0	0	0	0	0	0	0	25	32	37	44	48	52	63	75	92	128	195	
2	15	91567	800	133	232153	32195	0178	7	0	0	0	0	0	0	0	0	0	0	0	0	10	32	36	44	49	60	71	79	96	121	170	240	
2	15	91567	1000	133	202218	33194	0190	22	0	0	0	0	0	0	0	0	0	0	0	0	23	35	43	57	64	73	85	97	128	140	192	255	
2	15	91567	1200	133	202241	34194	0194	10	0	0	0	0	0	0	0	0	0	0	0	0	23	35	43	57	64	73	85	97	128	140	192	255	
2	15	91567	1400	133	202302	35194	0203	42	0	0	0	0	0	0	0	0	0	0	0	11	50	56	62	74	80	89	97	118	130	164	218	0	
2	15	91567	1600	133	192320	36200	0203	40	0	0	0	0	0	0	0	0	0	0	0	10	44	55	57	60	75	91	110	123	135	170	230	0	
2	15	91567	1800	133	202343	37200	0205	30	0	0	0	0	0	0	0	0	0	0	0	15	32	35	48	55	65	83	112	135	152	174	235	0	
2	15	91567	2000	133	202405	38200	0206	30	0	0	0	0	0	0	0	0	0	0	0	25	37	47	53	57	64	70	100	125	140	173	226	0	
2	15	91667	013320	2448	39200	0206	37	0	0	0	0	0	0	0	0	0	0	0	0	35	41	43	54	64	72	77	88	113	132	145	202	270	
2	15	91667	400	133	222534	40200	0207	10	0	0	0	0	0	0	0	0	0	0	0	22	32	45	55	65	73	80	88	95	108	122	170	235	
2	15	91667	600	133	212558	41200	0210	5	0	0	0	0	0	0	0	0	0	0	5	18	27	32	47	52	60	65	76	93	110	133	185	260	
2	15	91667	800	133	192619	42200	0206	0	0	0	0	0	0	0	0	0	0	0	0	12	25	35	47	60	69	80	87	107	121	143	210	0	
2	15	91667	1000	133	072626	43211	0213	24	0	0	0	0	0	0	0	0	0	0	12	28	37	46	53	63	68	74	84	108	137	175	230	0	
2	15	91667	1400	132	302622	45211	0217	24	0	0	0	0	0	0	0	0	0	0	18	31	48	58	63	73	83	105	128	140	158	188	230	0	
2	15	91667	1600	132	302601	46222	0217	0	0	0	0	0	0	0	0	0	0	0	16	30	43	58	65	75	105	131	152	164	185	205	235	0	
2	15	91667	1800	132	312535	47222	0217	28	0	0	0	0	0	0	0	0	0	0	15	37	48	57	70	92	117	138	143	157	175	205	260	0	
2	15	91667	2000	132	302513	48222	0217	0	0	0	0	0	0	0	0	0	0	0	10	29	40	48	56	68	82	104	137	157	173	194	0	0	
2	15	91767	013224	2427	49222	0210	0	0	0	0	0	0	0	0	0	0	0	0	0	35	45	50	60	67	81	105	128	140	162	182	257	0	
2	15	91767	400	132	272332	50222	0210	33	0	0	0	0	0	0	0	0	0	0	0	8	40	52	58	65	75	100	118	118	150	180	260	0	
2	15	91767	600	132	262322	51222	0209	0	0	0	0	0	0	0	0	0	0	0	0	25	63	67	73	80	90	100	110	129	154	200	0	0	
2	15	91767	800	132	272258	52222	0201	0	0	0	0	0	0	0	0	0	0	0	0	9	20	54	62	70	80	87	110	124	143	160	235	0	
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